



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:

Shih-Hsiung NI

Group Art Unit: 2185

Application No.: 10/082,077

Examiner: Unassigned

Filed: February 26, 2002

Attorney Dkt. No.: 58268-00054

For: EFFICIENT OPTIMIZATION ALGORITHM IN MEMORY UTILIZATION FOR NETWORK APPLICATIONS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

May 22, 2002

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application, or (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a

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foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

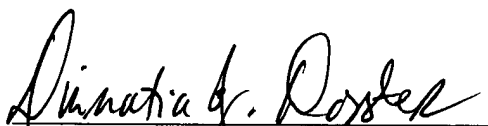
☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

Respectfully submitted,



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Enclosures: PTO-1449 Form; 9 References

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

58268-00054

SERIAL NO.

10/082,077

## LIST OF REFERENCES CITED BY APPLICANT

*(Use several sheets if necessary)*

APPLICANT

Shih-Hsiung NI

FILING DATE

February 26, 2002

GROUP

2185

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,390,308	02-14-1995	Ware et al.		
	AB	5,423,015	06-06-1995	Chung		
	AC	5,644,784	07-01-1997	Peek		
	AD	5,742,613	04-21-1998	MacDonald		
	AE	5,898,687	04-27-1999	Harriman et al.		
	AF	6,061,351	05-09-2000	Erimli et al.		
	AG	6,175,902	01-16-2001	Runaldue et al.		

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO PART.		
	AH	99/00939	01-07-1999	PCT			X	
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AM	Lin, Yu-Sheng and Shung, C. Bernard, "Queue Management for Shared Buffer and Shared Multi-buffer ATM Switches", Department of Electronics Engineering & Institute of Electronics, National Chiao Tung University, Hsinchu, Taiwan, R.O.C., March 24, 1996.
AN	
AO	
EXAMINER	
DATE CONSIDERED	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.